

REMARKS

The present Amendment amends claims 1 and 10 and leaves claims 29 unchanged. Therefore, the present application has pending claims 1-10.

An interview was scheduled with the Examiner to discuss the outstanding issues of the present application particularly with respect to the rejection of claims 1-3 and 8-10 under 35 USC §102(e). At such interview the present Amendment and Remarks should be discussed.

Applicants acknowledge the Examiner's indication in paragraph 4 of the Office Action that claims 4-7 are allowed.

Claims 1-3 and 8-10 stand rejected under 35 USC §102(e) as being anticipated by Suzuki (U.S. Patent Application Publication No. 2005/0144380). This rejection is traversed for the following reasons.

Applicants submit that the features of the present invention as now more clearly recited in claims 1-3 and 8-10 are not taught or suggested by Suzuki whether taken individually or in combination with any of the other references of record. Therefore, Applicants respectfully request the Examiner to reconsider and withdraw this rejection.

Amendments were made to each of independent claims 1 and 10 so as to more clearly recite that according to the present invention a storage subsystem and a method of controlling the storage subsystem is provided wherein the storage subsystem includes a plurality of channel adapters each controlling the exchange data with a host device, a plurality of storage device groups each providing a logical storage region, a plurality of disk adapters each controlling the exchange of data with each of the storage device groups, a cache memory that is used by each of the channel adapters and each of the

disk adapters, a plurality of cache partitions regions constituted by logically partitioning the cache memory and a control memory that stores management information for managing each of the cache partitions.

Unique according to the present invention is that the management information is constituted by a plurality of partition management information that is used to independently manage the corresponding ones of the cache partition regions and a common management information that is used to commonly managed a plurality of the cache partition regions. In other words, the present invention provides management information which allows the cache partition regions to be managed as one unit.

The above described features of the present invention as now more clearly recited in the claims were discussed in the Remarks of the January 5, 2006 Amendment, said Remarks being incorporated herein by reference.

In the Office Action the Examiner alleges that Suzuki teaches that in the CLPR managing table T12 shown in Fig. 4 of Suzuki the cache capacity is managed in segment units. However, this teaching of Suzuki has absolutely nothing to do with commonly managing the cache partition regions as in the present invention. Suzuki merely provides management information for managing data contained in the partitions forming the logical units of a disk rather than management information for managing data contained in the partition forming the cache partition regions of the cache memory as in the present invention. As described above, the present invention provides for the individual managing and the common managing of cache partition regions rather than storage logical partitions as in Suzuki. In other words, at no point

is there any teaching or suggestion in Suzuki as it relates to cache partition regions as in the present invention.

Thus, Suzuki fails to teach or suggest a plurality of cache partition regions constituted by logically partitioning the cache memory and a control memory that stores management information for managing each of the cache partition regions as recited in the claims.

Further, Suzuki fails to teach or suggest that the management information is constituted by both a plurality of partition management information that is used individually managed corresponding ones of the cache partition regions and common management information that is used commonly managed a plurality of cache partition regions as recited in the claims.

Therefore, Suzuki fails to teach or suggest the features of the present invention as now more clearly recited in the claims. Accordingly, reconsideration and withdrawal of the 35 USC §102(e) rejection of claims 1-3 and 8-10 as being anticipated by Suzuki is respectfully requested.

The remaining references of record have been studied. Applicants submit that they do not supply any of the deficiencies noted above with respect to the reference utilized in the rejection of claims 1-3 and 8-10.

In view of the foregoing amendments and remarks, applicants submit that claims 1-10 are in condition for allowance. Accordingly, early allowance of claims 1-10 is respectfully requested.

To the extent necessary, the applicants petition for an extension of time under 37 CFR 1.136. Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, or credit any overpayment of fees, to the deposit account of MATTINGLY, STANGER, MALUR & BRUNDIDGE, P.C., Deposit Account No. 50-1417 (1309.43768X00).

Respectfully submitted,

MATTINGLY, STANGER, MALUR & BRUNDIDGE, P.C.

A handwritten signature in black ink, appearing to be 'C. Brundidge', written over a horizontal line.

Carl I. Brundidge
Registration No. 29,621

CIB/jdc
(703) 684-1120